Renewable Energy/Energy Efficiency Program

FULL Application Review Checklist

USDA-Rural Development - Section 9006 Full Application Review Checklist

Federal Catalog # 10.775

This program is targeted to Agriculture Producers and Rural Small Businesses.

Applicant Name	
Applicant Address	
Name of Project	
Location of Project	
del ene <i>Er</i> (Im	enewable Energy System system that produces or produces and ivers usable energy from a renewable energy source.) ergy Efficiency Improvement provements to facility, building, or process a reduces energy consumption)
Grant Request	
Project Description	

A <u>Full</u> Application project has total <u>eligible</u> project costs **exceeding** \$200,000.

Therefore, the grant request would **exceed** \$50,000.

There are 6 questions to be answered:

- 1. Is the applicant eligible?
- 2. Is the project eligible?
- 3. Is the application complete?
- 4. Does the project meet funding requirements?
- 5. Did the technical report pass or fail?
- 6. How does the application score (national competition)?

Separate applications must be submitted for renewable energy system and energy efficiency improvement projects. Only one application per each type of project per applicant per fiscal year may be submitted.

This document is used by Rural Development Staff to <u>review</u> renewable energy and energy efficiency grant applications and provide the agency documentation necessary for the borrower file.

4280.112 - Evaluation of Grant Applications

- (a) <u>General review</u> The Agency will evaluate each application and make determination as to whether the applicant is eligible, the proposed grant is for an eligible project, and the proposed grant complies with all applicable statutes and regulations.
- **(b)** If either the applicant or the project is **ineligible**, the Agency will inform the applicant in writing of the decision, reasons therefore, and any appeal rights, and no further evaluation of the application will occur.
- (c) If the application is **incomplete**, the Agency will return it to the applicant to provide the applicant the opportunity to resubmit the application. The Agency will identify those parts of the application that are incomplete. Upon receipt of a complete application, the Agency will complete its evaluation of the application.
- (d) The Agency's determination of a **project's technical merit** is based on the information provided by the applicant. The Agency may engage the services of other government agencies or other recognized industry experts in the applicable technology field, at its discretion, to evaluate the application and rate the application. The Agency may use this evaluation and rating to determine the level of technical merit of the proposed project. Projects that the Agency determines are without technical merit shall be deemed ineligible.



Is the Application	n Complete? 4280.111
Was the document submitted	Separate applications must be submitted for renewable energy system and energy efficiency improvement
and/or the requirement met?	projects. Applicants may only submit one application for each type of project per fiscal year.
	An original and 1 copy of the application submitted that follows the outline below.
	(2) A detailed table of contents in the order presented below with clear pagination and chapter identification.
	The table of contents will include page numbers for each component of the proposal. Begin pagination immediately following the Table of Contents.
	(1) Forms, Certifications, and Organizational Documents – Is there a DUNS # and/or a FED ID #?
	(i) Project specific forms: (A) SF 424 – Application For Federal Assistance
	(B) SF 424-C Budget Information – Construction Programs
	A more detailed budget breakdown is requested in the technical report.
	(C) SF 424-D Assurances – Construction Programs
	(D) 1940-20 Request for Environmental Information
	(ii) Certifications:
	 (A) AD 1049 Certification Regarding Drug Free Workplace Requirements (Grants) Alternative 1 – "For Grantees other than Individuals."
	(B) AD 1048 Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – Lower Tiered Covered Transactions
	(C) Exh. A-1 of 1940-Q Certification for Contracts, Grants and Loans - if the grant exceeds \$100,000.
	(D) Form SF-LLL Disclosure of Lobbying Activities, must be completed if the applicant or borrower has made or agreed to make payment using funds other than Federal appropriated funds to influence or attempt to influence a decision in connection with the application.
	(E) AD 1047 Certification Regarding Debarment, Suspension, and Other Responsibility Matters – Primary Covered Transactions
	(F) Form 400-1 Equal Opportunity Agreement
	(G) Form 400-4 Assurance Agreement
	(H) If applicable, intergovernmental comments in accordance with 7 CFR part 3015, subpart V, of this title.
Included in Guide 5	(I) A certification indicating whether or not there is a known relationship or association with an Agency employee.
Included in Guide 5	(J) Applicants must provide certification that they meet the definition of demonstrated financial need, as defined in 4280.13. The Agency may request the applicant to provide sufficient information to allow the Agency to make its own determination of the applicant's financial need.
	(iii) Organizational documents. Except for sole proprietors, each applicant must submit with the application a copy of the legal organizational documents.
	(3) A project summary including:
	(i) Title. Provide a descriptive title of the project identified in item 11 in SF 424.
	(ii) Applicant Eligibility 4280.107 (a) (1) through (5), (b)
Included in Guide 5	(a) (1) The applicant or borrower must be an agricultural producer or a rural small business .
	An agricultural producer is an individual or entity directly engaged in the production of agricultural products, including crops (including farming);Livestock (including ranching); forestry products; hydroponics; nursery stock; or aquaculture, whereby 50% or greater of their gross income is derived from the operations.
	Is there a Fed tax ID #?Is there evidence provided that more than 50% of income is from the agriculture operation?(Page 1 of previous year income tax return + Schedule F)
	An entity is considered a small business in accordance with the Small Business Administrations (SBA) small business size standards by NAICS found in Title 13 CFR part 121. A private entity including a sole proprietorship, partnership, corporation, cooperative (including a cooperative qualified under section 501(c)(12) of the Internal Revenue Code), and an electric utility including a Tribal or governmental electric utility that provides service to rural consumers on a cost of service basis without support from public funds or subsidy from the government authority establishing the district, provided such utilities meet SBA's definition of small business. These entities must operate independent of direct Government control. With the exception of the entities described above, all other non-profit entities are excluded.
	SBA small size standards can be found at http://sba.gov/size/index.html Does the applicant meet the definition of small business? If there a Fed Tax ID #? NAICS Code for business type Is the entity listed in the Secretary of State's database? NAICS Code limitations
	(2) Individuals must be a citizens of the U.S. or reside in the U.S. after being legally admitted for permanent residence. Is there a statement regarding their citizenship status?



Is the Application	n Comple	ete (cont'd)?		1,01	
Was the document submitted		/10 (00111 u/) 1			
and/or the requirement met?	(ii) Appli	cant Eligibility (cont'd) 42	80.107		
	. ,	Entities must be at least	51% owned, directly or indirective or indirective side in the U.S. after being I	ectly, by individuals who are either legally admitted for permanent resid	lence.
	(4)	Applicants and owners wi	Il be ineligible to receive fund	ds under this subpart –	
	, ,	(i) If an applicant or owner in a Federal court (other income taxes, or is delined.	er that has an outstanding juder than in the U.S. Tax Counquent on a federal debt, the loan, or guaranteed loan unt	dgment obtained by the U.S. rt), is delinquent in paying Federal	
		eligible to receive a gran	en debarred from receiving F t, direct loan, or guaranteed l M, and Excluded Partic addressed the above issues in the	es for answer.	not
	(5)	The grant applicant must	have demonstrated financi	al need.	
		project from its own and co		licant is unable to finance the without grant assistance, or that ncome and cash flows to sustain it	
		Has the applicant stated in resources? Is there a lett		t extent have they used their own	
	sati pro Has Hav If th	isfactory progress, as deter jects before it will be conside the applicant indicated whethe we you checked to see if the apple answer is yes, have they man	rmined by the Agency, toward dered for subsequent funding er previous grants or loans have plicant has received a grant befo de satisfactory progress to be co	been received? ore? onsidered for this round of funding?	ed
	42	80.107 - The applica	nt is eligible	not eligible.	
	Re	viewer	Date		
	(iii) Projec	t eligibility 4280.108 - D	escribe how each criteria (a)	through (a) is met.	
	(a) Th ef CI eff	ne project must be for the proficiency improvements. early state whether the application improvements.	urchase of a renewable energ	gy system or to make energy ewable energy system or make energy	
		•		ame of reference when reviewing the res	et of the
			escription information may be ne		st of the
		ne project must be for a pre- there information presented to		available, and replicable technolog) y -
	. S	process and have technical and commercially available. Commercially available - A system is based on estate a system is based on estate arvice providers, trades, large procedures and practices. Projections	d economic potential for commer stem that has a proven operating ablished design, and installation construction equipment provider prietary and balance of system e ailable to properly maintain and of	through the research and development cial application, but are not yet history specific to the proposed applicat procedures and practice. Professional rs, and labor are familiar with installation equipment and spare parts are readily operate system. An established warrant	tion.



Is the Application	ı Com _l	plete (cont'd)?
Was the document submitted and/or the requirement met?		
·	(iii) Pro	pject Eligibility 4280.108 (cont'd)
	(c)	The project must have technical merit, as determined using the procedures specified in 4280.112(d). In your opinion, does the project have technical merit? Keep in mind that the final decision will be NREL's.
	(d)	The project must be located in a rural area, as defined in 4280.103
		<u>Definition of rural:</u> Any area other than a city or town that has a population of greater than 50,000 inhabitants and the urbanized area contiguous and adjacent to such a city or town according to the latest decennial census of the U.S.
		Project in2000 pop. census In an urbanized area?
	(e)	The applicant must be the owner of the project and control the revenues and expenses of the project, including the operation and maintenance. A third party under contract to the owner may be used to control revenues and expenses and manage the operation and/or maintenance of the project. Is there an explanation of the required information listed above?
	(f)	Sites must be controlled by the agricultural producer or small business for the financing term of any associated Federal loans or loan guarantees. Is there documentation to support this?
	(g)	Satisfactory sources of revenue in an amount sufficient to provide for the operation, management, maintenance, and debt service of the project must be available for the life of the project. Is there documentation to support this?
		4280.108 The project is eligiblenot eligible.
		ReviewerDate
	(iv) Op	peration description - Describe the applicant's total farm/ranch/business operation and the relationship of the proposed project to the applicant's total farm/ranch/business operation. Provide a description of the ownership of the applicant, including a list of individuals and/or entities with ownership interest, names of any corporate parents, affiliates, and subsidiaries, as well as a description of the relationship, including products, between these entities.
	(v) Fina	ncial Information for size determination Provide financial information to allow the Agency to
	(*)	determine the applicant's size. All information submitted under this paragraph must be substantiated by authoritative records.
	(A)	Rural small businesses must provide sufficient information to determine total annual receipts for and number of employees of the business and any parent, subsidiary, or affiliates at other locations. Voluntarily providing tax returns is one means of satisfying this requirement. The information provided must be sufficient for the Agency to make a determination of business size as defined by SBA.
		Total Annual Receipts – The total income or gross income (sole proprietorship) plus cost of goods sold.
	(B)	Agricultural producers: Provide the gross market value of your agricultural products, gross agricultural income, and gross non-farm income of the applicant for the calendar year preceding the year in which you submit your application. (Page 1 of previous year tax return + Schedule F)



Is the Application Complete (cont'd)? Was the document submitted and/or the requirement met? (4) Financial Information - Financial information is required on the total operation of the agricultural producer/rural small business and its parent, subsidiary, or affiliates at other locations. All information submitted under this paragraph must be substantiated by authoritative records. (i) Historical financial statements prepared in accordance with Generally Accepted Accounting Practices (GAAP) for the past 3 years, including income statements and balance sheets. If agricultural producers are unable to present this information in accordance with GAAP, they may instead present financial information for the past years in the format that is generally required by commercial agriculture lenders. (ii) Current balance sheet and income statement - Provide a current balance sheet and income statement prepared in accordance with generally accepted accounting principles (GAAP) and dated within 90 days of the application. Agricultural producers should present financial information in the format that is generally required by commercial agriculture lenders. (iii) Pro Forma balance sheet - Provide pro forma balance sheet at startup of the agricultural producer's/rural small business' business that reflects the use of the loan proceeds or grant award; and 3 additional years, indicating the necessary start-up capital, operating capital, and short-term credit; and projected cash flow and income statements for 3 years supported by a list of assumptions showing the basis for the projections. (iv) Demonstration of Financial Need – Provide sufficient information or documentation that allows the Agency to make its own determination of the applicant's financial need. (5) Matching funds documentation – Submit a spreadsheet identifying sources of matching funds, amounts and status of matching funds. The spreadsheet will also include a directory of matching funds source contact information. Attach any applications, correspondence, or other written communication between applicant and matching fund source. Without specific statutory authority, other Federal Passive third party equity contributions are acceptable for grant awards and applicant in-kind contributions renewable energy system projects, including those that are cannot be used to meet the matching fund eligible for Federal production tax credits, provided the requirement. Third-party, in-kind contributions are applicant meets the requirements of Section 4280.107 limited to 10% of the matching fund requirement of (applicant eligibility). the grant. The Agency will advise if the thirdparty, in-kind contributions are acceptable in accordance with 7 CFR part 3015. (6) Self Evaluation Score – Self-score the project using the evaluation criteria 4280.112 (e). To justify the score, submit the total score along with appropriate calculations and attached documentation, or specific cross-references to information elsewhere in the application. Use Appendix C to 4280-B or Guide 4- Scoring Guideline to complete the evaluation. ENERGY ASSESSMENT OR ENERGY AUDIT For Each Energy 4280.111(b)(7)(ii)(B) **Efficiency Project** Either an energy assessment or an energy audit is required for energy efficiency improvement projects. For energy efficiency improvement projects with total eligible project costs greater than \$50,000, an energy audit must be conducted by or reviewed and certified by an energy auditor. For energy efficiency improvement projects with total eligible project costs of \$50,000 or less, an energy assessment or an energy audit may be conducted by either an energy assessor or an energy auditor. Energy assessment - a report conducted by an experienced energy assessor, certified energy manager or professional engineer assessing energy cost and efficiency by analyzing energy bills and briefly surveying the target building, machinery or system. The report identifies and provides a savings and cost analysis of low-cost/no-cost measures. The report will estimate the overall costs and expected energy savings from these improvements, and dollars saved per year. The report will estimate weighted-average payback period in years. Energy audit - A report conducted by a Certified Energy Manager or Professional Engineer that focuses on potential capital-intensive projects and involves detailed gathering of field data and engineering analysis. The report will provide detailed project cost and savings information with a high level of confidence sufficient for major capital investment decisions. It will estimate costs, expected energy savings from the subject improvements, and dollars saved per year. The report will estimate weighted-average payback period in years.

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Is the Application	n Complete (cont'd)?		
Was the document submitted and/or the requirement met?			
For All projects	(7) TECHNICAL REPORT must be prepared in accordance with Appendix B of this subpart. Required for renewable energy and energy efficiency projects with total eligible project costs EXCEEDING \$200,000.		
	(a) The Technical report must demonstrate that the renewable energy system or energy efficiency improvement project can be installed and perform as intended in a reliable, safe, cost effective, and legally compliant manner.		
	(b) An energy assessment or energy audit is required for all energy efficiency projects (see previous page).(c) The services of a professional engineer (P.E.) or team of licensed PE's are required		
	 on renewable energy projects with total eligible projects costs exceeding \$400,000. and for energy efficiency projects with total eligible project costs exceeding \$200,000. Services include a design review, installation monitoring, testing prior to commercial operation and project completion certification. 		
	(d) Projects exceeding total eligible costs of \$1,200,000, the technical report must be reviewed and include an opinion and recommendation by an independent qualified consultant.		
	(e) Technical Reports prepared prior to the applicant's selection of a final design, equipment vendor, or prime contractor, or other significant decision may be modified and resubmitted to the Agency, provided the overall scope of the project is not materially changed as determined by the Agency. Changes in the Technical Report must be accompanied by an updated form RD 1940-20.		
	(f) All information provided in the Technical Report will be evaluated against the requirements provided in Appendix B of this subpart. Any Technical Report not prepared in the following format and in accordance with Appendix B, where applicable, will be penalized under scoring for technical merit.		
	 (g) All Technical Reports shall follow the outline presented below and shall contain the information described in 1-10 (below). If none of the technical reports in Appendix B apply to the proposed technology, the applicant may submit a Technical Report that conforms to the overall outline and subjects specified in 1-10 (below). For Technical Reports prepared for technologies not identified in Appendix B, the Agency will review the reports and notify, in writing, the applicant of the changes to the report required in order for the Agency to accept the report. 		
	A Technical report not prepared in the following format and the guidance documents will be penalized under Scoring for technical merit. (1) Qualifications of the project team (2) Agreements and Permits (3) Energy/Resource Assessment (4) Design and engineering (5) Project Development (6) Project Economic Assessment (7) Equipment Procurement (8) Equipment Installation (9) Operations and Maintenance (10) Dismantling and disposal of project components		
For Each Renewable Energy Project	(8) Business-level feasibility study for renewable energy systems		
	For each application for a renewable energy system project, with total eligible project costs <u>greater than</u> \$200,000, a business-level feasibility study by an independent qualified consultant will be required by the Agency for start-up businesses or existing businesses when the project will significantly affect the applicant's operations.		
	An acceptable business-level feasibility study must at least include an evaluation of economic, market, technical, financial, and management feasibility.		
The application is	completenot complete.		
Comments:			
Reviewer	Date		



	t meet Funding R	
Funds may be used only for		rovided these costs are an integral and necessary part of the total project.
Is the proposal for eligible project costs?	(b) The applicant is responsible funds. The amount secured by (1) Without specific statutor used to meet the matching fund requirem third-party, in-kind cont (2) Passive third-party equi that are eligible for Fed (Applicant eligibility). (c) Eligible project costs are online the items are an integral and ne	25% of total eligible project costs. let to secure the remainder of the total eligible project costs not covered (75%) by grant by the applicant must be the remainder of total eligible project costs. tory authority, other Federal grant funds and applicant in-kind contributions cannot be ching fund requirement. Third-party, in-kind contributions are limited to 10% of the ement of the grant (or 10% of the 75% match). The Agency will advise if the proposed intributions are acceptable in accordance with 7 CFR part 3015 of this title. Unity contributions are acceptable for renewable energy system projects, including those ederal production tax credits, provided the applicant meets the requirements of 4280.107 anly those costs associated with the items identified in paragraphs 1-9 below, as long as necessary part of the renewable energy system or energy efficiency improvement.
\$	(1) Post application purchase a tillage equipment, used equipme	and installation of equipment (new, refurbished, or remanufactured), except agricultural nent and vehicles.
\$	(2) Post application construction	on or project improvements, except residential.
\$	(3) Energy audits or assessmer	ents
\$	(4) Permit and license fees	
\$	(5) Professional service fees, e.	except for application preparation
\$	(6) Feasibility studies and Tech	chnical Reports
\$	(7) Business plans	
\$	(8) Retrofitting	
\$	is approximately the same size; and based on the energy audit,	rgy efficient facility only when the facility is used for the same purpose; e; t, will provide more energy savings than improving an existing facility. energy audit for energy efficiency improvements are allowed.
\$	TOTAL ELIGIBLE COSTS	
\$T	otal Project Costs	
	Minus Ineligible Project Cos	osts
		oject Costs X 25% = \$ = Maximum Grant
,	-	d to Grant Request of \$
\$Total elig	gible project costs minus	s \$ grant = \$ <mark>matching funds required</mark>
The a		made available to an eligible project under this subpart will 25% of total eligible project costs.
Minimum grant for energy ef		\$1500 for energy efficiency
Maximum grant for energy ef	Maximum grant for energy efficiency \$250,000	
φ200,000		\$2500 for renewable energy
Maximum grant for renewable energy \$500,000		
		\$50,000 (total eligible project costs cannot exceed \$200,000)
		entity will not exceed \$750,000 per fiscal year. ng the previous 2 fiscal years, additional points will be added to their priority score.
The application Comments:	_ meets funding requir	irementsdoes <u>not</u> meet funding requirements.
Reviewer		Date

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Guide 2 – 4280-B

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		Yes	No
Question 1 – Is the Applicant Eligible?			
Question 2 – Is the Project Eligible?			
Question 3 – Is the Application Complete?			
Question 4 - Does the Project meet Funding I	Requirements?		
Question 5 – Did the technical requirements r The National Renewable Energy Lab (NREL) makes this d			
What points did they award for the technical merit score ar	nd ROI?		
Question 6 – How does the Application Score This is a nationwide competition.	?		
Use the score sheet (with documentation) submitted by the Use the NREL score for technical merit and return on investigation. Double check and adjust, if necessary, the points for each determine the total final points to be awarded.	stment - and		
Comments:			
Reviewer		Date	
Tracking system updated	_by		
Irecommenddo not recommer for consideration of funding.	nd this project be forwa	arded to the	National Office
	C	ate	
Business-Cooperative Program Manager, Rural Developmen	t		

4280.105 - Appeals —An adverse decision regarding a grant or direct loan application may be appealed by the applicant only. Any party adversely affected by an Agency decision may request a determination of appealability can be requested from the Director, National Appeals Division, USDA, within 30 days of the adverse decision.

4280.106 – **Conflict of interest.** No conflict of interest or appearance of a conflict of interest will be allowed. Conflict of interest includes, but is not limited to, distribution or payment of grant, loan, and guaranteed loan funds or award of project contracts to an individual owner, partner, stockholder, or beneficiary of the applicant or borrower or a close relative of such an individual when such individual will retain any portion of the ownership of the applicant or borrower.

4280.113 - Insurance - National flood insurance is required, if applicable. Business interruption insurance is required.

4280.114 - Laws, executive orders and regulations that contain other compliance requirements.

- (a) Equal Employment Opportunity construction contracts and grants in excess of \$10,000, the contractor must comply.
- (b) Equal opportunity and nondiscrimination by the Agency
- (c) Civil Rights-ADA, Title VI, Section 504- Recipients-Agency completes 400-8 Compliance Review prior to obligation of funds.
- (d) <u>Environmental Assessment completion prior to the obligation of any funds</u> includes public notifications, site visit by the Agency and applicant not taking any actions or incurring any obligations during the time of application or application review and processing that would either limit the range of alternatives to be considered or that would have an adverse effect on the environment, such as the initiation of construction, will result in project ineligibility.
- (e) Civil Rights Impact Analysis Certification 2006-38 completion by the Agency prior to loan approval, obligation of funds, or LOC.
- (f) Uniform Federal Assistance regulations

4280.116 -Grants Requirements

- (a) A <u>Letter of Conditions</u> will be prepared by the Agency, establishing conditions that must be understood and agreed to by the applicant before any obligation of funds can occur. The applicant must sign a Letter of Intent to Meet Conditions (RD form 1942-46) and RD form 1940-1 Request for Obligation of Fund *if they accept the conditions of the grant.* These forms will be enclosed with the Letter of Conditions. The grant will be obligated when the Agency receives an executed Letter of Intent and Request for Obligation of Funds from the applicant agreeing to all provisions in the Letter of Conditions.
- (b) The grantee must sign and abide by all requirements contained in Form 4280-2 "Grant Agreement", and regulations 4280-B.